

Title (en)

SOLID COMPOSITIONS COMPRISING RECOMBINANT CLOSTRIDIUM BOTULINUM NEUROTOXINS

Title (de)

FESTSTOFF-ZUSAMMENSETZUNGEN, DIE REKOMBINANTE CLOSTRIDIUM-BOTULINUM-NEUROTOXINE ENTHALTEN

Title (fr)

COMPOSITIONS SOLIDES COMPRENANT DES NEUROTOXINES RECOMBINANTES DE CLOSTRIDIUM BOTULINUM

Publication

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Application

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Abstract (en)

[origin: WO2014068317A1] The invention provides a nucleic acid sequence comprising a sequence of contiguous nucleotides, wherein said sequence of contiguous nucleotides has at least 90% sequence identity to the nucleic acid sequence of SEQ ID NO: 1, and wherein said sequence of contiguous nucleotides encodes a single-chain BoNT/E1 protein. The present invention also provides methods for producing soluble single-chain BoNT/E protein in an E. coli host cell, together with methods for producing soluble di-chain 10 BoNT/E1 protein.

IPC 8 full level

A61K 38/48 (2006.01)

CPC (source: EP KR US)

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WO 2014068317 A1 20140508; AR 093309 A1 20150527; AR 117738 A2 20210825; AU 2013340610 A1 20150319; AU 2013340610 B2 20180222; AU 2018203556 A1 20180607; AU 2018203556 B2 20200820; AU 2020244481 A1 20201029; BR 112015005384 A2 20170808; CA 2885519 A1 20140508; CN 104755098 A 20150701; CN 110499321 A 20191126; DK 2914282 T3 20180226; DK 3326644 T3 20200511; EA 201590794 A1 20150831; EA 201590794 A8 20160129; EP 2914282 A1 20150909; EP 2914282 B1 20171220; EP 3326644 A1 20180530; EP 3326644 B1 20200304; EP 3673914 A1 20200701; EP 3673914 B1 20211027; ES 2662402 T3 20180406; ES 2788199 T3 20201020; GB 201219602 D0 20121212; HK 1208359 A1 20160304; HU E036764 T2 20180730; HU E048802 T2 20200828; IL 237623 A0 20150430; IL 237623 B 20190530; IN 436MUN2015 A 20150904; JP 2019068823 A 20190509; JP 2020078321 A 20200528; KR 102188539 B1 20201209; KR 102264478 B1 20210615; KR 20150094590 A 20150819; KR 20200110470 A 20200923; MX 2015005156 A 20150923; MX 2019009222 A 20191121; MX 367080 B 20190805; NO 2914282 T3 20180519; NZ 705575 A 20190830; PL 2914282 T3 20180731; PL 3326644 T3 20200824; PT 2914282 T 20180313; PT 3326644 T 20200529; SG 10201701140W A 20170427; SG 11201502372S A 20150528; TW 201435084 A 20140916; TW 201825680 A 20180716; TW 202012622 A 20200401; TW I626307 B 20180611; TW I673361 B 20191001; UA 118837 C2 20190325; US 10030238 B2 20180724; US 2015247139 A1 20150903; ZA 201501449 B 20160831

DOCDB simple family (application)

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